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FORM PTO-1449

**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT**

ATTY. DOCKET NO.
0942.4980002/RWE/AGU

APPLICATION NO.
09/599,594

APPLICANT
Nazarenko et al.

FILING DATE
June 22, 2000

GROUP
1655

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
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✓	AG6	5,118,801	06/02/1992	Lizardi et al.	536	27	09/30/1988
↓	AH6	5,312,728	05/17/1994	Lizardi et al.	435	6	05/04/1992
↓	AI6	5,487,972	01/30/1996	Gelfand et al.	435	6	01/05/1993
↓	AJ6	5,503,979	04/02/1996	Kramer et al.	435	6	08/26/1994
✓	AK6	6,277,607 B1	08/21/2001	Tyagi et al.	435	91.2	05/24/1999

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
✓	AN6	WO 97/39008	10/23/1997	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	20	Blok, H.J. and Kramer, F.R., "Amplifiable hybridization probes containing a molecular switch," <i>Mol. Cell. Probes</i> 11:187-194, Academic Press, Ltd. (1997).
2	AS	20	Giesendorf, B.A.J., et al., "Molecular beacons: a new approach for semiautomated mutation analysis," <i>Clin. Chem.</i> 44: 482-486, American Association for Clinical Chemistry (March 1998).
2	AT	20	Haas, S., et al., "Primer design for large scale sequencing," <i>Nucl. Acids Res.</i> 26:3006-3012, Oxford University Press (June 1998).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓	AR	21	Kostrikis, L.G., et al., "Spectral Genotyping of Human Alleles," <i>Science</i> 279:1228-1229, American Association for the Advancement of Science (February 1998).
✓	AS	21	Kramer, F.R. and Lizardi, P.M., "Replicatable RNA reporters," <i>Nature</i> 339:401-402, Macmillan Journals Ltd. (1989).
✓	AT	21	Lengauer, C., et al., "Genetic instabilities in human cancers," <i>Nature</i> 396:643-649, Macmillan Journals Ltd. (December 1998).

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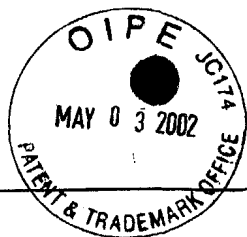
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

12	AR	22	Leone, G., et al., "Molecular beacon probes combined with amplification by NASBA enable homogeneous, real-time detection of RNA," <i>Nucl. Acids Res.</i> 26:2150-2155, Oxford University Press (May 1998).
2	AS	22	Marras, S.A.E., et al., "Multiplex detection of single-nucleotide variations using molecular beacons," <i>Genetic Analysis: Biomolecular Engineering</i> 14:151-156, Elsevier Science B.V. (February 1999).
2	AT	22	Monia, B.P., et al., "Selective Inhibition of Mutant Ha-ras mRNA Expression by Antisense Oligonucleotides," <i>J. Biol. Chem.</i> 267:19954-19962, American Society for Biochemistry and Molecular Biology, Inc. (1992).

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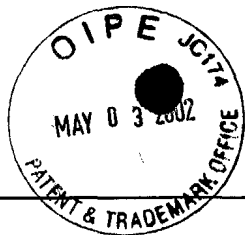
2	AR	23	Moran, S., et al., "Non-hydrogen bonding 'terminator' nucleosides increase the 3'-end homogeneity of enzymatic RNA and DNA synthesis," Nucl. Acids Res. 24:2044-2052, Oxford University Press (1996).
2	AS	23	Newton, C.R., et al., "Analysis of any point mutation in DNA. The amplification refractory mutation system (ARMS)," Nucl. Acids Res. 17:2503-2516, IRL Press (1989).
2	AT	23	Serra, M.J. and Turner, D.H., "Predicting Thermodynamic Properties of RNA," Meth. Enzymol. 259:242-261, Academic Press, Inc. (1995).

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9/12/02

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	AR	24	Tyagi, S., et al., "Extremely sensitive, background-free gene detection using binary probes and Q β replicase," <i>Proc. Natl. Acad. Sci. USA</i> 93:5395-5400, National Academy of Sciences (1996).
	AS	24	Tyagi, S., et al., "Multicolor molecular beacons for allele discrimination," <i>Nat. Biotechnol.</i> 16:49-53, Nature Publishing Group (January 1998).
	AT	24	Vet, J.A.M., et al., "Multiplex detection of four pathogenic retroviruses using molecular beacons," <i>Proc. Natl. Acad. Sci. USA</i> 96:6394-6399, National Academy of Sciences (May 1999).

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2	AR	25	Whitcombe, D., et al., "Detection of PCR products using self-probing amplicons and fluorescence," Nat. Biotechnol. 17:804-807, Nature Publishing Group (August 1999).
2	AS	25	Wittwer, C.T., et al., "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification," BioTechniques 22:130-131,134-138, Eaton Publishing Co. (1997).
2	AT	25	Zubritsky, E., "Pinning Down PCR," Analytical Chemistry News & Features 71:191A-195A, American Chemical Society (March 1999).

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